

SYSTEMS AND METHODS FOR ENHANCING OR OPTIMIZING NEURAL
STIMULATION THERAPY FOR TREATING SYMPTOMS OF MOVEMENT
DISORDERS AND/OR OTHER NEUROLOGIC DYSFUNCTION

ABSTRACT OF THE DISCLOSURE

In one embodiment, a procedure directed toward enhancing neural stimulation therapy efficacy comprises acquiring coherence and/or silent period measurements to facilitate and/or effectuate determination of neural stimulation parameters corresponding to a treatment program, and/or modification of neural stimulation parameters associated with a treatment program in view of short-term changes in a patient's symptomatic state and/or persistent or lasting changes in a patient's neurofunctional condition.